DOD

USER MANUAL

S1+

繁中

English

S1+ Use Manual

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Preface

Thank you for purchasing the DOD series products, this S1+ product can capture the moving photos efficiently. It has a high definition lens with one million pixels, which is uniquely lens of 180° overturn. The product is designed for safety recording of car driving process and can also be used as a DV for video recording/taking photos. It is exquisite in appearance and has won many patents and certifications, in a word, S1+ will make your life more wonderful.

This manual will teach you how to use the product and give you more detailed information, including the use, operation and installation precautions and technical specifications, etc. Before the use, please read it carefully and keep it properly. We hope that the product can meet your demand and serve you permanently.

General

This product is a high-definition driving recorder to cater to the market demand. It has leading functions such as high-definition video recording/photos taking, hi-speed USB data transmission, USB charging and car charging.

Widely Used, Convenient for Video Recording at any time any where

Product Features

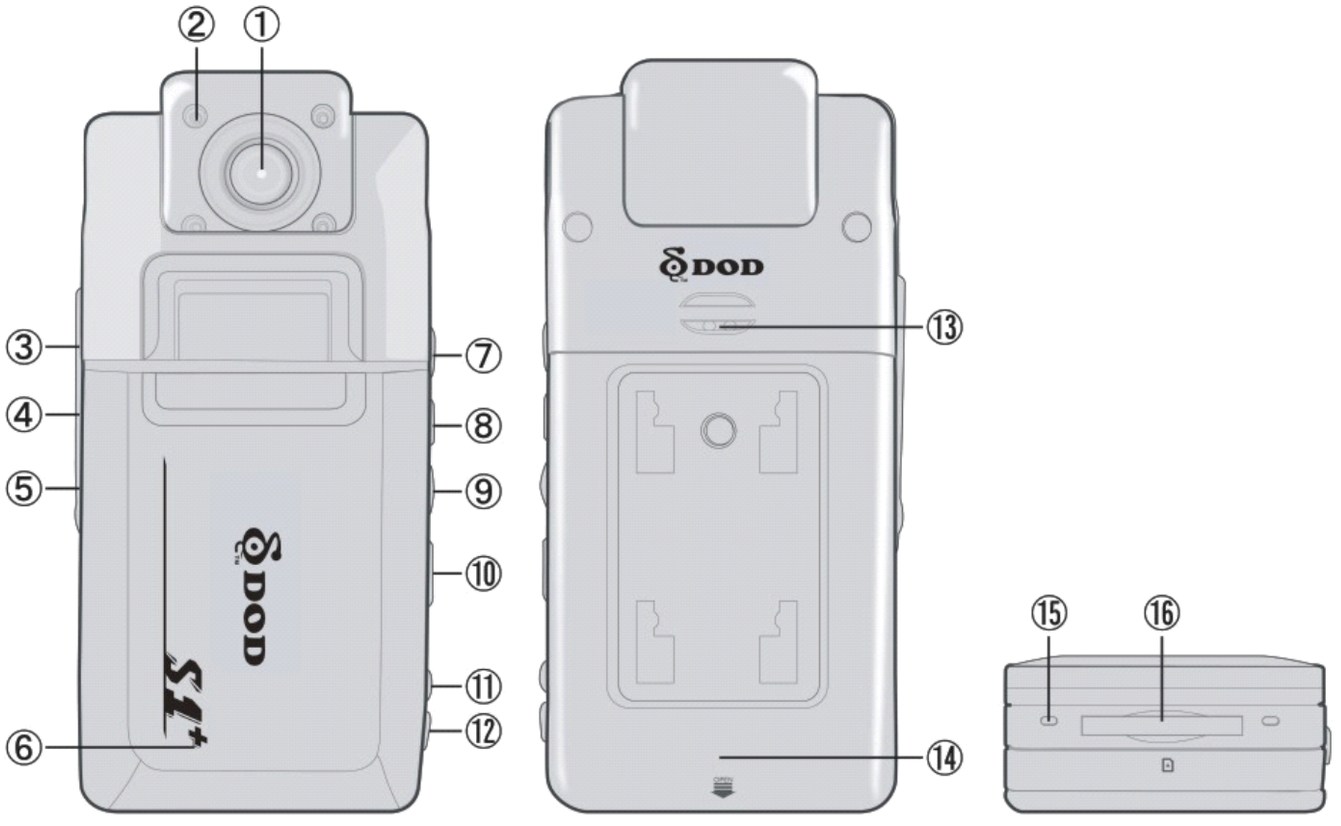
- lens rotation design with multi-functions, easy for high-definition video recording/photo taking at anywhere, capture high-resolution photo at will.
- Lens: 100° wide-angle lens
- Exposure Compensation: EV(-2.0/+2 adjustable)
- Screen: 2.5 inch high-definition TFT LCD
- 4X digital zoom
- Infrared rays
- In-built microphone/loudspeaker
- High-capacity rechargeable lithium battery
- Support high-capacity SD (SDHC) memory card
- Cycle video recording
- Motion detection
- Seamless connection
- Outage auto-save
- Recording time can be set
- Video recording is realizable while charging
- Auto power on to make records when starting car
- Manual emergency lock (SOS)
- G-SENSOR gravity file protection

Capacity Display

	1G	2G	4G	8G
1440*1080(FPS15)	17min	34min	69min	139min
1280*720(FPS30)	16min	32min	65min	130min
848*480(FPS60)	18min	36min	73min	146min
10M	287photos	574photos	1148photos	2296photos
8M	354photos	708photos	1416photos	2832photos
5M	572photos	1144photos	2288photos	4576photos
3M	1003photos	2006photos	4012photos	8024photos

The number of videos or photos vary with different setting of host machine, brand of memory card, file size etc.

Product Structure



1. 180° rotate lens
2. Infrared lamp
3. AV output port
4. Reset
5. USB port
6. LCD screen
7. Mute ON/OFF
8. Record
9. Mode
10. Menu (SOS button)
11. Power
12. Multi-function

Down	Zoom Out
Left	Adjust Ev
Right	Infrared rays ON/OFF
OK	Confirm

13. Loudspeaker
14. Battery cover
15. Microphone port
16. SD card port

Use and Installation

- **Install and Take out Battery**

1. Slide battery cover downward to open it.
2. Put battery into battery case based on plus-minus marks on it until it is installed in position.
3. Battery power symbols are shown as below:

4. Push open the battery cover and take it out.

- **Install and Take out Memory Card**

1. Insert memory card into the slot as instructed until it is fixed in the slot.
2. When taking memory card out, press it down gently and take it out after the card pops up.

Attentions:

1. Insert in the SD memory card before use.

2. Before use, check if the write-protect switch on the card is on or off.

3. Please pay attention to the direction of card, if it is inserted reversely, the machine and card might be damaged.

4. If the memory card is incompatible with the machine, please insert it again or retry with another card.

Operating Instruction

● Set Menu Mode

1. In photo taking/video/replay mode, press “MENU” to set relevant menus, please refer to the “Set Menu” for details.
2. In “Set Menu” in any mode, press OK to get into the next menu, press Up and Down to select relevant settings, and then press OK to confirm and then press MENU to exit.

● Turn on/off and Auto-off Settings of Camera

1. Press on Power button for about 1s to turn on the camera, when it is on, press on the Power button for 3s and then release it to turn it off.
2. To save battery power, you can set auto-off time in the menu. When no operation happens within the setting time, it will shut down automatically.
3. Turn the power on, press MENU button twice to switch to Setup Menu, and then press Down to select “Auto-off” and then press OK to get into the next menu. The auto-off time can be set as “OFF, 2Min, 5Min and 10Min”.

● Set Date and Time

Turn the power on, press MENU button twice and switch to the Setup Menu, then press Down to select “Date/Time” and then press OK to enter into Year, Month, Day, Hour, Minute and Second, then press Up, Down, Left and Right to select the item to be set and then press OK. When the item turns red, press Up or Down to make adjustment, after that, press OK to exit, and then press Down to move to “√” and then press OK.

● Video Mode

1. Turn the power on, the camera is then started. The Camera mode appears on the screen, then the symbol " " appears at the top right corner, and the screen shows video information and time displays at the bottom right corner. If the " " twinkles on the screen, it means it has already got into the auto-recording mode.
2. Press "REC" button to start video recording and press it again to stop.
While video recording, red " " and timer will appear at the bottom of screen, and they will disappear once it stops.
3. Infrared rays
When you take videos with your hand, you can press "Right" arrow key to open or close infrared rays. If open infrared rays in nonluminous condition, you can see photos through screen that cannot be seen due to darkness.

● Photo Mode

Turn the power on, the camera is then started. Press "MODE" button in video mode, then the symbol " " will appear at the top left corner, which means it has already got into photo mode.
1. Aim the lens at the subjects and press Up or Down button to realize digital zoom, at this time, hold on the camera tightly and do not shake it.
2. Press "REC" button, the camera give a crack sound, and then the photo is taken.

Shooting Method

Select "MENU" button in photo mode, then press "Down" to select "Shooting Method", and then press OK to select the "Continuous Shooting, Single Shot, 2s, 5s and 10s" for self-timer.

Notes:

1. Press "MODE" in Video or Photo mode can switch to the other mode.

2. Press "MODE" Video or Photo mode can enter replay mode.

● Replay Mode

1. Press “MODE” Photo or Video mode can replay photos or videos, and then select the photo or video with Left or Right button. When browsing the photos, press REC button to play or stop, and press “Preview” button to pause.
2. Delete

When replaying photos or videos, press “MENU” button to select the current file mode, and then press OK to delete the current video or photo. Select all files and press OK to confirm, and then press OK again to delete all files.

● Set Motion Detection

When the Motion Detection Function is open, the relative displacement in photos will be detected automatically, if the object moves out of the default displacement, the record is started automatically. Each time, the record lasts for 15s, after that, the machine will continue detecting.

When the power is on, press “MENU” button to select detected item, and then press Up or Down to select ON/OFF, and then press OK to save or exit.

● Set G-SENSOR Function

After starting of gravity sensing function, in case of vehicle collision or impact during video recording, it will lock and save current video automatically and set to avoid the previous video and following video files of loop recording cycle from being covered by the loop recording lock of the machine in order to guarantee safety of important video.

In the “ON” status, press MENU key to enter the option of gravity sensing strength. Press up or down key to select sensitivity. Press OK key to save the option and exit.

- **Set SOS Emergency Lock File**

When the SOS emergency lock file is started, you can save any photo segment at will during the recording without being covered.

In the video mode, long press OK button, then " " appears and the current video is saved, but the video will disappear automatically when next video starts.

- **Charging-Recording Mode**

when the power is off, connect the car charger power to the machine. Once the car is started, it will turn on automatically and starts recording, meanwhile, the battery will be charged.

Attention: when the car stops, it will use battery power until auto power-off.

Files Saving and Videos Playing

- **USB Backup Mode**

When the power is on, connect the machine to computer with USB cable, if disc drive and IP camera appear on the screen, then it is in USB mode. Open "My Computer" on the desktop and find the saved files in "DCIM********".

- **Connect to TV and Play Videos**

1. Connect camera to TV with TV connecting line to browse or play Videos/Photos.

Note: without the need to install driver, the portable disk can only be used when the camera is on.

Button Function

Video/Photo Mode

Power	On/Off
Shutter	Record/Stop Recording/Photo Taking
Arrow Key (Up)	Select Up to zoom in
Arrow Key (Down)	Select Down to zoom out
Arrow Key (Left)	Adjust EV value
Arrow Key (Right)	Open/Close infrared rays
OK	Confirm
Menu	Menu（SOS button）
Mode	Mode selection/browse photos and videos

Replay Mode

Power	Off
Arrow Key (Left)	Last/fast backward
Arrow Key (Right)	Next/fast forward
Menu	Menu selection
OK	Confirm/replay: start/pause
Mode	Back to video/photo/pause play

Menu Setup

Mode	Menu	Menu Setup	Note
Video Recording	Resolution	1080I/720P/QVGA	
	Cycle recording	OFF/2 min/5 min	
	Motion detection	ON/OFF	
	Audio	ON/OFF	
	G-sensor	OFF/High/ Medium/Low	
	Audio	ON/OFF	
	Date record	ON/OFF	
Camera	Shooting method	Continuous shooting/single shot/2s/5s/10s	
	Resolution	10M/8M/7MHD/5M/3M/2MHD	
	Image quality	Best/good/ordinary	
	Sharpness	Strong/ordinary/soft	
	White balance	Auto/sunlight/cloudy/bulb/daylight lamp	
	Special effect	Color/black & white/nostalgic	
	Exposure compensation	+2.0、+5/3、+4/3、+1.0、+2/3、+1/3+0.0、-1/3、-2.3、-1.0、-4/3、-5/3、-2.0	
	ISO	Auto/100/200/400	
	Face detection	Off/Face detection	
	Anti-shake	ON/OFF	
	Quick view	Off/2s/5s	
	Date record	Off/Date/Date, time	
Replay	Delete	Current file/all files	
	Formatting	Built-in RAM/Memory card	
Setting	Frequency	50HZ/60HZ	
	Screen protection	Off/2 min/5min/10 min/	
	Tone	√/×	
	Auto-off	OFF/2 min/5 min/10 min	
	TV output	NTSC/PAL	
	Default	√/×	
	Language	Multinational language	
	Version	S12012*****	
	Date/time	Year, month, day/hour, minute, second	

Specifications

Sensor	1 Mage pixels CMOS
Lens	3.5mm
Focal range	10cm -Infinity
LCD screen	2.5" TFT LCD
Video output	TV synthetic symbol: NTSC/PAL
Photo format	Photo format: JPEG Maximum output: 10M(3648 x 2736)
Video format	H.264
Video signal	1440*1080(15/s) 1280*720（30/s） 848*480（60/s）
Zoom	4x digital zoom
Video medium	SD card（maximum 32G）
Audio	Built-in microphone/loudspeaker(Mono)
Shutter	Electronic shutter
Shutter speed	1/2-1/1000s
White balance	Auto/sunlight/cloudy/CFL/Tungsten lamp
LED	On/Off
Connector	USB2.0/HDMI/TV
Battery	External lithium battery, 3.7V 800mAh
USB	USB2.0 hi-speed transmission
Size	Length 111×Width 59× Thickness 29mm
Work temperature/humidity	-10℃-60℃/10%-80%

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